

# ReedSmith<sup>LLP</sup>

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**Total Number of Pages Including Cover Page** 9Original will follow via: ☐ Regular Mail ☐ Overnight Delivery ☐ Messenger ☐ None**COPIES TO:**

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**NOTES:** Examiner Chunduru: Attached please find our proposed response in U.S. Patent Application 10/020,721. Would you please contact us after you have reviewed it so that we may discuss an interview. Thank you very much.

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**THE FOLLOWING 7 PAGES OF**

**PROPOSED RESPONSE**

**IN CONNECTION WITH APPLICATION**

**SERIAL NO. 10/020,721**

**ARE BEING SUBMITTED TO THE EXAMINER**

**VIA FACSIMILE**

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re U.S. Patent Application of	)	
	)	
NAKAO <i>et al.</i>	)	
	)	
Application Number: 10/020,721	)	Art Unit 1637
	)	
Filed: December 14, 2001	)	Examiner
	)	Chunduru, Suryaprabha
For: DETECTION METHOD AND DETECTION KIT	)	
FOR PCR-AMPLIFIED BASE SEQUENCES	)	
	)	
Attorney Docket No. HIRA.0054	)	

Honorable Assistant Commissioner  
for Patents  
Washington, D.C. 20231

**RESPONSE AND AMENDMENT UNDER 37 C.F.R. §1.111**

Sir:

This is in response to the office action dated April 8, 2003, in the above identified application, to which the period for response will expire on July 8, 2003. Please amend the above identified application with the replacement paragraphs/sections/claims as follows:

**IN THE CLAIMS:**

Please cancel claims 1 and 3 without prejudice or disclaimer, and substitute claim 2 with the following amended claims:

2. A method of detecting PCR-amplified base sequences, comprising the steps of:
  - conducting PCR amplification by mixing a plurality of primer pairs with a sample, said primer pairs being suitable for amplifying different base sequences of a same length or different lengths by PCR;
  - conducting a hybridization reaction by using a substrate on which at least one primer of each of said primer pairs used for the PCR are fixedly spotted on spots thereon and a solution containing said base sequences that are PCR-amplified in the preceding step, said hybridization reaction being performed between the primers fixedly spotted on